User's Manual

INTRODUCTION

The PCI-Express 2.0 to ExpressCard/34 Converter provides the best solution for using ExpressCard/34 Gen 1 (2.5Gbps) or Gen 2 (5Gbps) adapter on any desktop computer with PCI-Express slot.

FEATURES AND SPECIFICATION

- Compliant with PCI-Express Base Specification Revision 2.0
- Single-Lane (x1) PCI-Express 2.0 (Gen 2) interface with maximum 5.0 Gbps throughput
- Supports standard height and low profile desktop cases
- One ExpressCard/34 adapter slot compliant with ExpressCard 34mm type II standard
- Compatible with ExpressCard/34 Gen 1 (2.5Gbps) and Gen 2 (5Gbps) adapter
- Supports ExpressCard/34 adapter that requires +3.3V and +1.5V power
- Transparent to operating system – No need driver installation (Driver installation for your ExpressCard adapter is still required)
- This product does not support ExpressCard hot plug

PACKAGE CONTENTS

Please check whether the package contains the following items. If any item is missing or damaged, contact the retailer as soon as possible:

- PCI-Express 2.0 to ExpressCard/34 Converter x1
- User's Manual x1
- USB 2.0 cable x1 (optional)
- Extra mounting bracket x1 (optional)

WARNING

Before installing and activating the converter card, please make sure you have a complete backup of your existing data from hard drives. Manufacturer is not responsible for data loss due to abuse, misuse, or neglect. Should you have any installation problem, please contact your dealer for assistance.

HARDWARE INSTALLATION

Before the installation of the converter, let us make the following assumptions:

- The end users must have the basic knowledge of installing an internal device and its driver to a PC. If they are not sure about their abilities or have any queries, please call their local dealers immediately, or find somebody who are experienced and qualified for assistance.
- One PCI-Express slot and one USB 2.0 port are available on the computer
- An operating system supported by your ExpressCard adapter has been installed on the computer.

Installing the Converter into the Computer:

1. Turn off your computer and all external devices connected to it
2. Disconnect your computer from the power sources.
3. Open the computer case. Refer to your computer user manual for more details.
4. Find an available PCI-Express Gen 2 slot (PCI-Express Gen 1 slot will do but decrease your ExpressCard Gen 2 adapter performance from 5Gbps to 2.5Gbps). Remove the slot bracket. Save the bracket screw for later use.
5. Align the converter card horizontally with respect to the slot and insert it into the slot firmly and evenly. Take care not to force it into the slot. Once you have properly positioned the converter into the slot, fasten it to the computer case with the screw you have just saved.
6. In order to support ExpressCard adapter which requires USB 2.0 signal from the computer, connect the USB pin header on the converter card to the motherboard USB port using the USB 2.0 cable (optional). See Figure 1 for USB pin header orientation.

WARNING: Reversed orientation of the USB pin header may result in permanent damage to your ExpressCard adapter.

7. Secure the computer case
8. Insert your ExpressCard adapter to the converter card
9. Connect the unplugged power cable back to the computer.
10. Turn on the computer

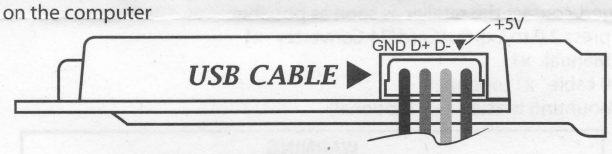

Figure 1 – USB pin header location

SOFTWARE INSTALLATION

The converter is transparent to operating system and so the converter itself does not require any device driver. Refer to the user's manual of your ExpressCard adapter for driver installation.

ATTENTION:

The converter does not support ExpressCard hot plug. Always turn off the computer before you plug in or remove the ExpressCard adapter. Otherwise the operating system or even the motherboard BIOS contents may crash

All contents and specification mentioned in this manual are subject to change without prior notice
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